

**SIGNAL QUALITY INDICATOR APPARATUS AND METHOD
PARTICULARLY USEFUL FOR MOBILE TELEPHONES**

ABSTRACT OF THE DISCLOSURE

The quality of radio frequency signals received at a mobile phone or
5 cellphone is sampled. The results are employed to produce a human
discernible indication such as by blinking a received signal strength bar on a
display. The bar remains constant without blinking if the signal quality is at or
below a preselected minimum and can have the blinking rate increase as the
10 sensed signal quality decreases. Distortion can be determined in either the
digital or analog mode. Digital signal quality can be reflected in the sensed bit
error rate while the level of analog signal quality can be determined from the
supervisory audio tone.

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